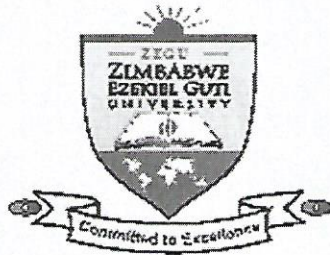


ZIMBABWE EZEKIEL GUTI UNIVERSITY



**FACULTY OF COMMERCE
BSC (HONS) DIGITAL TECHNOLOGY**

MODULE: CDT102 EMERGING TECHNOLOGIES IN PRACTICE

EXAM DURATION: 2 HOURS

3 DECEMBER 2018

Instructions

1. Answer all questions, the mark allocation for each question is shown in square brackets.
2. Number your answers accordingly.
3. The total marks for the examination is 100.

Question 1

Explain the impact of emerging technologies in higher education [12 marks]

Question 2

The next wave of technological disruption came with the smartphone. Marked by the launch of the first Apple iPhone in 2007, this new era put a personal computer into people's pockets and made way for the notion of "always on." Explain the impact of the smartphone on society [10 marks]

Question 3

The Internet of Things create opportunities for new products, services and business models. Explain the validity of this statement [10 marks]

Question 4

According to Qualigence, "by 2023, 60% of new jobs will require skills that only 20% of the population possess". Explain the new skills that will be required. [12 marks]

Question 5

Explain the application area of adaptive technology in higher education [8 marks]

Question 6

'The next generation digital learning environment (NGDLE) is conceived as an ecosystem- a learning environment consisting of learning tools and components that adhere to common standards.' Explain the impact NGDLE will have in higher education [10 marks]

Question 7

'The success of any emerging technology will be determined by the Technology Acceptance Model (TAM).' Discuss [12 marks]

Question 8

Briefly explain the unintended side effects of newly emerging technologies [11 marks]

Question 9

What are the ethical issues of emerging technologies on individuals and society? [15 marks]

.....End of Paper.....